

Title (en)

FABRIC TYPE IDENTIFYING APPARATUS AND FABRIC TYPE IDENTIFYING METHOD

Title (de)

STOFFTYP-IDENTIFIZIERUNGSVORRICHTUNG UND STOFFTYP-IDENTIFIZIERUNGSVERFAHREN

Title (fr)

APPAREIL D'IDENTIFICATION DU TYPE DE TISSU ET PROCÉDÉ D'IDENTIFICATION DU TYPE DE TISSU

Publication

EP 3366831 B1 20210929 (EN)

Application

EP 16857557 A 20161021

Priority

- JP 2015209223 A 20151023
- JP 2016081290 W 20161021

Abstract (en)

[origin: EP3366831A1] To provide a fabric type identifying apparatus and a fabric type identifying method enabling to stably identify a type of fabric with high accuracy. A fabric type identifying apparatus A for identifying a type of a fabric F provided with a color thread T at an edge portion includes a camera 51 for photographing the fabric F, and an image processing apparatus 52 for receiving an image input and photographed by the camera 51. The image processing apparatus 52 acquires a color value of the color thread T from the received image of the fabric F, and identifies the type of the fabric F on a basis of the color value. Since the type of the fabric F is identified on the basis of the color of the color thread T, the type of the fabric F is enabled to be stably identified with high accuracy regardless of stretching and shrinking of the fabric F.

IPC 8 full level

D06H 3/08 (2006.01); **D06F 67/00** (2006.01); **D06F 67/04** (2006.01); **D06F 89/00** (2006.01); **D06F 93/00** (2006.01); **G06T 7/00** (2017.01); **G06T 7/90** (2017.01)

CPC (source: EP US)

D06F 93/00 (2013.01 - EP US); **D06H 3/08** (2013.01 - EP US); **G06T 7/0004** (2013.01 - EP US); **G06T 7/90** (2016.12 - EP); **D06F 67/00** (2013.01 - EP US); **D06F 67/04** (2013.01 - EP US); **D06F 69/02** (2013.01 - US); **D06F 89/00** (2013.01 - EP US); **G06T 7/90** (2016.12 - US); **G06T 2207/10024** (2013.01 - EP US); **G06T 2207/30124** (2013.01 - EP US)

Cited by

EP3926092A1; EP3792391A1

Designated contracting state (EPC)

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EP 3366831 A1 20180829; **EP 3366831 A4 20190710**; **EP 3366831 B1 20210929**; **EP 3366831 B8 20220302**; DK 3366831 T3 20211122; JP 2017079881 A 20170518; US 10699402 B2 20200630; US 2018315178 A1 20181101; WO 2017069244 A1 20170427

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